



October, 2014

*Your file - Votre référence*  
3BM-RUT1012

*Our file - Notre référence*  
IQALUIT-#858558

Megan Porter  
Licence Administrator Assistant  
Nunavut Water Board  
GJOA HAVEN, NU X0E 1J0

**Re: Aboriginal Affairs and Northern Development Canada Review of the Hamlet of Resolute's  
Application to Renew Water Licence #3BM-RUT-1012**

Dear Ms Porter :

Thank you for your email of September 18, 2014, concerning the above mentioned application. A memorandum is provided for the Board's consideration. Comments and recommendations have been provided pursuant to Aboriginal Affairs and Northern Development Canada's mandated responsibilities under the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* and the *Department of Indian Affairs and Northern Development Act*.

For further information please contact me via email at [kristi.maxwell@aadnc-aadnc.gc.ca](mailto:kristi.maxwell@aadnc-aadnc.gc.ca) or by telephone at 867-975-4567.

Sincerely,

Kristi Maxwell  
Water Management Coordinator  
Water Resources Division  
Resource Management Directorate  
Aboriginal Affairs and Northern Development Canada  
IQALUIT, NU X0A 0H0

Encl.

c.c.: Murray Ball, Manager of Water Resources, AANDC Nunavut  
Erik Allain, Manager of Field Operations, AANDC Nunavut

## Memorandum

To: Phyllis Beaulieu, Nunavut Water Board

From: Kristi Maxwell, Aboriginal Affairs and Northern Development Canada

CC: Robin Ikkutisluk, Megan Porter, Murray Ball (AANDC), Erik Allain (AANDC)

Date: 3 October 2014

**Re: Water Licence Renewal Application, #3BM-RUT-1012**

Licensee:	Hamlet of Resolute Bay
Project:	Municipal water licence
Region:	Qikiqtani

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Comments:

A. Background

On September 18, 2014, the Nunavut Water Board (NWB) provided notification of the Hamlet of Resolute's (the "Licensee") application to renew Water Licence #3BM-RUT1012 to allow for the use of water for municipal undertakings. Mr. Bhabesh Roy, Municipal Planning Engineer, Community Government Services, Government of Nunavut has submitted this application on behalf of the hamlet of Resolute.

Interested parties were asked to review this application and provide comments by October 18, 2014.

## B. Results of review

On behalf of Aboriginal Affairs and Northern Development Canada (AANDC), the following comments and recommendations are provided:

Item	Reference	Issue	Comment	Recommendation
1.	120920 3BM-RUT1012 March 2010 Sewage Water Works Tech Eval Phase 2 Final Trow Report	Water use exceeds that permitted in the water licence.	The water licence, now expired, permits not more than 60,000 cubic meters of water per year. Current water use is estimated at approximately 300,000 cubic meters per year. Upwards of 80% of this water usage is through “water bleeds” meant to promote flow, input heat into the sewers, and reduce risk of freeze of the sewer system.	The new water licence should reflect increased water consumption needs for the community.
2.	120920 3BM-RUT1012 March 2010 Sewage Water Works Tech Eval Phase 2 Final Trow Report	Recommendations from March 2010 Sewage Water Works Tech Eval Phase 2 Final Trow Report	Based on their inspection of the existing water and sewage system in Resolute, Trow consultants provided a detailed list of recommendations to facilitate the continued operation of existing systems until a new water system can be installed. These included: a program of recommended facility rehabilitations, capital upgrades, improvements to operating methods, recommendations regarding enhanced preventative maintenance, and a contingency plan that provides for unusual events.	AANDC agrees with these recommendations. We acknowledge and commend the completion of a Sewer and Waterworks Rehabilitation project carried out in August and September of 2010.
3.	Abandonment and Restoration	Abandonment and Restoration Plan	To date, no Abandonment and Restoration Plan has been submitted for the existing utilidor system, which is nearing end of life, or the existing sewage system.	An A&R Plan must be submitted at least six months prior to final closure of any licensed facility or upon the planned construction of new facilities to replace existing ones.
4.	Annual Reports	Annual Reports	Annual reports for 2012 and 2013 remain outstanding.	AANDC requests these annual reports for review.
5.	Operations and Maintenance	Operations and Maintenance Plan for	While drawings for the new utilidor system have been submitted, an O&M	AANDC requests an O&M Plan for the new utilidor prior to commencement of operations.

Item	Reference	Issue	Comment	Recommendation
		new utilidor.	plan remains outstanding.	
6.	110717 3BM-RUT1012 Water Licence Inspection Report	Operations and Maintenance Plan for new wastewater treatment plant	No O&M plan for the proposed new wastewater treatment plant covered in the new water licence.	AANDC requests an O&M Plan for proposed new wastewater treatment plant prior to commencement of operations.
7.	110717 3BM-RUT1012 Water Licence Inspection Report	Operations and Maintenance Plan for current sewage treatment system.	While O&M plans were submitted for the 1978 water-sewer system, no updated plans have been submitted since.	AANDC requests an updated O&M Plan for the existing sewage treatment system.
8.	110717 3BM-RUT1012 Water Licence Inspection Report	Solids removal system not functioning.	Sewage solids removal system remains in disrepair and is non-functional.	System must be repaired as soon as possible.
9.	Licence 2BM-RUT1012 Renewal Application	Laboratory results.	Laboratory results for 2010-2013 reporting periods remain outstanding.	AANDC requests outstanding laboratory results for review.
10.	Licence 2BM-RUT1012 Renewal Application	Spill contingency plan.	No spill contingency plan has been submitted to date.	AANDC requests spill contingency plan.

Prepared by Kristi Maxwell